

Title (en)
23-Oxo (Keto) and 23-imino Derivatives of LL-F28249 Compounds.

Title (de)
23-Oxo(keto) und 23-Imino-Derivate von LL-F28249-Verbindungen.

Title (fr)
Dérivés des composés LL-F28249 comportant en position 23 un groupement oxo(céto) ou imine.

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Application
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Abstract (en)
[origin: EP0259779A1] The present invention relates to novel 23-oxo (keto) and 23-imino derivatives of LL-F28249 alpha , beta , gamma , delta , epsilon , zeta , theta , i and lambda compounds. These LL-F28249 compounds (collectively) are isolates from the fermentation broth of *Streptomyces cyaneogriseus* subspecies *noncyanogenus* having deposit accession number NRRL 15773. The present 23-oxo compounds are prepared by selectively oxidizing suitably protected 23-hydroxy compounds of LL-F28249 components using oxidizing agents. Subsequently, the 23-oxo compounds are converted to the 23-imino compounds. These novel compounds have potent anthelmintic, insecticidal, ectoparasitocidal, nematocidal and acaricidal activity. Compositions containing these 23-oxo and 23-imino derivatives of LL-F28249 also are described herein.

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